NO.NEWZ/BBMP/YD/2021-22 Date:-25-05-2021

To,
The Executive Engineer,
Kengeri Division
Bangalore.

"FREQUENCY AND QUALITY REPORT"

Dear Sir,

Subject: Regarding Quality Report for the below mentioned work.
Name of Work:"Improvements to Roads and drains at Sharada Nagara in Ward No-04"

Item No	Description of work	Unit	Qty	No of Samples Tested	Standards
1	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with	Cum	177.83	3	Per 100 cum
2	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal	Cum	294.13	6	Per 50 cum
3	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting,	Tn	18.56	2	Per Dia
4	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of	Cum	159.24	1	Per 400 cum
5	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of	Cum	244.17	2	Per 200 cum
6	Constructing un-reinforced, plain cement concrete for pavements using Grade	Cum	47.02	1	Per 50 cum
7	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed	Cum	52.96	2	Per 50 cum
8	Providing and laying bituminous concrete 40mm thick with hot mix plant, using	Cum	81.44	2	Per 50 cum

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final Bill

Thanking you,

With Regards,

For Newzen Consultants Bangalore

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NO.NEWZ/BBMP/YD/2021-22

Date:-25-05-2021

To,
The Executive Engineer,
Yelahanka Division

BBMP Bangalore

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: "Improvements to Roads and drains at Sharada Nagara in Ward No-04"

Item No	Description of work	Unit	Qty	Remarks
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after	Cum	1398.41	Work done upto the Billed Quantity and the Quality is Satisfactory
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sqm	197.10	Work done upto the Billed Quantity and the Quality is Satisfactory
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine	Cum	177.83	Work done upto the Billed Quantity and the Quality is Satisfactory
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum	Cum	294.13	Work done upto the Billed Quantity and the Quality is Satisfactory
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with	MT	18.56	Work done upto the Billed Quantity and the Quality is Satisfactory
6	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of	Sqm	797.88	Work done upto the Billed Quantity and the Quality is Satisfactory
7	Scarifying by manual means stone metal crust 50mm to 100mm thick along with premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges complete	Sqm	1059.20	Work done upto the Billed Quantity and the Quality is Satisfactory
8	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of	Cum	46.94	Work done upto the Billed Quantity and the Quality is Satisfactory
9	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.	Sqm	1373.60	Work done upto the Billed Quantity and the Quality is Satisfactory
10	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by	Cum	159.24	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with	Cum	244.17	Work done upto the Billed Quantity and the Quality is Satisfactory
12	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine	Cum	47.02	Work done upto the Billed Quantity and the Quality is Satisfactory
13	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm	Sqm	1061.60	Work done upto the Billed Quantity and the Quality is Satisfactory
14	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to	Cum	52.96	Work done upto the Billed Quantity and the Quality is Satisfactory
15	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all	Sqm	2035.89	Work done upto the Billed Quantity and the Quality is Satisfactory
16	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road	Sqm	2035.89	Work done upto the Billed Quantity and the Quality is Satisfactory
17	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site,	Cum	81.44	Work done upto the Billed Quantity and the Quality is Satisfactory
18	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5	Sqm	87.18	Work done upto the Billed Quantity and the Quality is Satisfactory
19	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip,	Cum	1446.00	Work done upto the Billed Quantity and the Quality is Satisfactory
20	Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road	Cum	1446.00	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill

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With Regards,

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